

A. MARSCALL

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/390,740B

DATE: 05/15/2002  
TIME: 08:44:29

INPUT SET: S36853.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

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SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: Coleman, Roger  
Bandman, Olga  
Wilde, Craig G.

(ii) TITLE OF INVENTION: NEW CHEMOKINES EXPRESSED IN PANCREAS

(iii) NUMBER OF SEQUENCES: 11

(iv) CORRESPONDENCE ADDRESS:  
(A) ADDRESSEE: Incyte Pharmaceuticals, Inc.  
(B) STREET: 3174 Porter Drive  
(C) CITY: Palo Alto  
(D) STATE: CA  
(E) COUNTRY: U.S.  
(F) ZIP: 94304

(v) COMPUTER READABLE FORM:  
(A) MEDIUM TYPE: Diskette  
(B) COMPUTER: IBM Compatible  
(C) OPERATING SYSTEM: DOS  
(D) SOFTWARE: FastSEQ Version 1.5

(vi) CURRENT APPLICATION DATA:  
(A) APPLICATION NUMBER:  
(B) FILING DATE:

(viii) ATTORNEY/AGENT INFORMATION:  
(A) NAME: Luther, Barbara J.  
(B) REGISTRATION NUMBER: 33,954  
(C) REFERENCE/DOCKET NUMBER: PF-0027 US

(ix) TELECOMMUNICATION INFORMATION:  
(A) TELEPHONE: 415-855-0555  
(B) TELEFAX: 415-852-0195

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 289 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single

ENTERED

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47 (D) TOPOLOGY: linear

48

49 (ii) MOLECULE TYPE: cDNA

50

51 (vii) IMMEDIATE SOURCE:

52 (A) LIBRARY: Human Pancreas

53 (B) CLONE: 223187

54

55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

56

57	ATGAAGGTCT	CCGCAGCACT	TCTGTGGCTG	CTGCTCATAG	CAGCTGCCTT	CAGCCCCCAG	60
58	GGGCTCACTG	GGCCAGCTTC	TGTCCCAACC	ACCTGCTGCT	TTAACCTGGC	CAATAGGAAG	120
59	ATACCCCTTC	AGCGACTAGA	GAGCTACAGG	AGAATCACCA	GTGGCAAATG	TCCCCAGAAA	180
60	GCTGTGATCT	TCAAGACCAA	ACTGGCCAAG	GATATCTGTG	CCGACCCCAA	GAAGAAGTGG	240
61	GTGCAGGATT	CCATGAAGTA	TCTGGACCAA	AAATCTCCAA	CTCCAAAGC		289

62

63

64 (2) INFORMATION FOR SEQ ID NO:2:

65

66 (i) SEQUENCE CHARACTERISTICS:

67 (A) LENGTH: 97 amino acids

68 (B) TYPE: amino acid

69 (C) STRANDEDNESS: single

70 (D) TOPOLOGY: linear

71

72 (ii) MOLECULE TYPE: peptide

73

74 (vii) IMMEDIATE SOURCE:

75 (A) LIBRARY: Human Pancreas

76 (B) CLONE: 223187

77

78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

79

80	Met	Lys	Val	Ser	Ala	Ala	Leu	Leu	Trp	Leu	Leu	Leu	Ile	Ala	Ala	Ala
81	1				5					10					15	
82	Phe	Ser	Pro	Gln	Gly	Leu	Thr	Gly	Pro	Ala	Ser	Val	Pro	Thr	Thr	Cys
83				20					25				30			
84	Cys	Phe	Asn	Leu	Ala	Asn	Arg	Lys	Ile	Pro	Leu	Gln	Arg	Leu	Glu	Ser
85			35				40					45				
86	Tyr	Arg	Arg	Ile	Thr	Ser	Gly	Lys	Cys	Pro	Gln	Lys	Ala	Val	Ile	Phe
87		50				55						60				
88	Lys	Thr	Lys	Leu	Ala	Lys	Asp	Ile	Cys	Ala	Asp	Pro	Lys	Lys	Lys	Trp
89	65				70				75						80	
90	Val	Gln	Asp	Ser	Met	Lys	Tyr	Leu	Asp	Gln	Lys	Ser	Pro	Thr	Pro	Lys
91				85				90							95	
92	Pro															

93

94

95 (2) INFORMATION FOR SEQ ID NO:3:

96

97 (i) SEQUENCE CHARACTERISTICS:

98 (A) LENGTH: 402 base pairs

99 (B) TYPE: nucleic acid

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100 (C) STRANDEDNESS: single  
101 (D) TOPOLOGY: linear

102  
103 (ii) MOLECULE TYPE: cDNA

104  
105 (vii) IMMEDIATE SOURCE:  
106 (A) LIBRARY: Human Pancreas  
107 (B) CLONE: 226152

108  
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

110  
111 ATGGCTCAGT CACTGGCTCT GAGCCTCCTT ATCCTGGTTC TGGCCTTTGG CATCCCCAGG 60  
112 ACCCAAGGCA GTGATGGAGG GGCTCAGGAC TGTTCCTCA AGTACAGCCA AAGGAAGATT 120  
113 CCCGCCAAGG TTGTCCGCAG CTACCGGAAG CAGGAACCAA GCTTAGGCTG CTCCATCCCA 180  
114 GCTATCCTGT TCTTGCCCCG CAAGCGCTCT CAGGCAGAGC TATGTGCAGA CCCAAAGGAG 240  
115 CTCTGGGTGC AGCAGCTGAT GCAGCATCTG GACAAGACAC CATCCCCACA GAAACCAGCC 300  
116 CAGGGCTGCA GGAAGGACAG GGGGGCCTCC AAGACTGGCA AGAAAGGAAA GGGCTCCAAA 360  
117 GGCTGCAAGA GGACTGAGCG GTCACAGACC CCTAAAGGGC CA 402

118  
119  
120 (2) INFORMATION FOR SEQ ID NO:4:

121  
122 (i) SEQUENCE CHARACTERISTICS:  
123 (A) LENGTH: 134 amino acids  
124 (B) TYPE: amino acid  
125 (C) STRANDEDNESS: single  
126 (D) TOPOLOGY: linear

127  
128 (ii) MOLECULE TYPE: peptide

129  
130 (vii) IMMEDIATE SOURCE:  
131 (A) LIBRARY: Human Pancreas  
132 (B) CLONE: 226152

133  
134 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

135  
136 Met Ala Gln Ser Leu Ala Leu Ser Leu Leu Ile Leu Val Leu Ala Phe  
137 1 5 10 15  
138 Gly Ile Pro Arg Thr Gln Gly Ser Asp Gly Gly Ala Gln Asp Cys Cys  
139 20 25 30  
140 Leu Lys Tyr Ser Gln Arg Lys Ile Pro Ala Lys Val Val Arg Ser Tyr  
141 35 40 45  
142 Arg Lys Gln Glu Pro Ser Leu Gly Cys Ser Ile Pro Ala Ile Leu Phe  
143 50 55 60  
144 Leu Pro Arg Lys Arg Ser Gln Ala Glu Leu Cys Ala Asp Pro Lys Glu  
145 65 70 75 80  
146 Leu Trp Val Gln Gln Leu Met Gln His Leu Asp Lys Thr Pro Ser Pro  
147 85 90 95  
148 Gln Lys Pro Ala Gln Gly Cys Arg Lys Asp Arg Gly Ala Ser Lys Thr  
149 100 105 110  
150 Gly Lys Lys Gly Lys Gly Ser Lys Gly Cys Lys Arg Thr Glu Arg Ser  
151 115 120 125  
152 Gln Thr Pro Lys Gly Pro

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(2) INFORMATION FOR SEQ ID NO:5:

156

157

(i) SEQUENCE CHARACTERISTICS:

158

(A) LENGTH: 97 amino acids

159

(B) TYPE: amino acid

160

(C) STRANDEDNESS: single

161

(D) TOPOLOGY: linear

162

163

(ii) MOLECULE TYPE: peptide

164

165

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

166

167

Met Lys Val Ser Ala Ala Leu Leu Ala Leu Leu Leu Ile Ala Ala Ala

168

1 5 10 15

169

Phe Cys Pro Gln Gly Leu Ala Gln Pro Asp Gly Val Asp Thr Pro Thr

170

20 25 30

171

Thr Cys Cys Phe Asn Tyr Ile Asn Arg Lys Ile Pro Arg Gln Arg Leu

172

35 40 45

173

Glu Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Ser Lys Pro Ala Val

174

50 55 60

175

Ile Phe Lys Thr Lys Arg Ala Lys Gln Val Cys Ala Asp Pro Lys Glu

176

65 70 75 80

177

Lys Trp Val Gln Asp Ser Met Lys His Leu Asp Lys Gln Thr Pro Lys

178

85 90 95

179

Pro

180

181

182

(2) INFORMATION FOR SEQ ID NO:6:

183

184

(i) SEQUENCE CHARACTERISTICS:

185

(A) LENGTH: 92 amino acids

186

(B) TYPE: amino acid

187

(C) STRANDEDNESS: single

188

(D) TOPOLOGY: linear

189

190

(ii) MOLECULE TYPE: peptide

191

192

(vii) IMMEDIATE SOURCE:

193

(A) LIBRARY: GenBank

194

(B) CLONE: MIP-1a

195

196

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

197

198

Met Gln Val Ser Thr Ala Ala Leu Ala Val Leu Leu Cys Thr Met Ala

199

1 5 10 15

200

Leu Cys Asn Gln Phe Ser Ala Ser Leu Ala Ala Asp Thr Pro Thr Ala

201

20 25 30

202

Cys Cys Phe Ser Tyr Thr Ser Arg Gln Ile Pro Gln Asn Phe Ile Ala

203

35 40 45

204

Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val Ile Phe

205

50 55 60

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206 Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp  
207 65 70 75 80  
208 Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala  
209 85 90  
210  
211

## (2) INFORMATION FOR SEQ ID NO:7:

## (i) SEQUENCE CHARACTERISTICS:

- 215 (A) LENGTH: 92 amino acids  
216 (B) TYPE: amino acid  
217 (C) STRANDEDNESS: single  
218 (D) TOPOLOGY: linear  
219

## (ii) MOLECULE TYPE: peptide

## (vii) IMMEDIATE SOURCE:

- 223 (A) LIBRARY: GenBank  
224 (B) CLONE: MIP-1b  
225

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

228 Met Lys Leu Cys Val Thr Val Leu Ser Leu Leu Met Leu Val Ala Ala  
229 1 5 10 15  
230 Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr  
231 20 25 30  
232 Ala Cys Cys Phe Ser Tyr Thr Ala Arg Lys Leu Pro Arg Asn Phe Val  
233 35 40 45  
234 Val Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val  
235 50 55 60  
236 Phe Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser  
237 65 70 75 80  
238 Trp Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn  
239 85 90  
240  
241

## (2) INFORMATION FOR SEQ ID NO:8:

## (i) SEQUENCE CHARACTERISTICS:

- 245 (A) LENGTH: 91 amino acids  
246 (B) TYPE: amino acid  
247 (C) STRANDEDNESS: single  
248 (D) TOPOLOGY: linear  
249

## (ii) MOLECULE TYPE: peptide

## (vii) IMMEDIATE SOURCE:

- 253 (A) LIBRARY: GenBank  
254 (B) CLONE: RANTES  
255

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

257  
258 Met Lys Val Ser Ala Ala Arg Leu Ala Val Ile Leu Ile Ala Thr Ala

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/390,740B**

DATE: 05/15/2002  
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*INPUT SET: S36853.raw*

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Original Text